

MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT

Name: FLO-ZYME
Identity: Enzyme Odor Control MSDS Number: 5195 (3-5195) Date: 03/28/2006 Supersedes: 12/2/2004
TOXICITY: 1 FIRE: 0 REACTIVITY: 0 PROTECTION: B

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Name	CAS Number	PEL	TLV
Viable Bacterial Cultures	NA	NA	NA

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212° F	Specific Gravity: 1.002 ± 0.005	Vapor Pressure (mm Hg.): ND	Melting Point: ND
Vapor Density (Air = 1): ND	Evaporation (H ₂ O = 1):1	Water Solubility: Complete	pH @ 77°F: 8.0-9.0
			VOCgm/L: 0

Appearance and Odor: Hazy white liquid, pleasant odor

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (TCC): None	% LEL: ND	% UEL: ND	Flammable Limits: ND
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Extinguishing Media: Dry chemical, carbon dioxide, foam

Special Fire Fighting Procedures: Prevent breathing vapors. Wear SCBA and impervious protective clothing.

Unusual Fire and Explosion: None combustible.

SECTION V. HEALTH HAZARD DATA

Route(s) of Entry: INHALATION? No EYES? Yes SKIN? No INGESTION? Yes

(Acute) Health Hazards:

Eyes: May cause irritation. Organisms used are non-pathogenic but can cause infection with open wounds.

Skin: Prolonged contact may irritate and cause dermatitis.

Ingestion: Rarely toxic. Irritation of the mouth, pharynx, esophagus & stomach can develop following ingestion.

Inhalation: Not likely to cause ill effects

(Chronic) Health Hazards: None Known

Signs and Symptoms of Exposure:

Eyes: Redness, irritation

Skin: Redness on hands & forearms for person with dermal allergic reaction

Ingestion: Mild to moderate stomach upset

Inhalation: Unlikely to be injurious

Medical Conditions Generally Aggravated by Exposure: Pre-existing contact site disorders.

Emergency First Aid Procedures:

Eyes: Immediately flush eyes with large amounts of water for about 15 minutes. Hold eyelids apart during the flushing to ensure thorough rinsing.

Skin: Immediately flush all affected areas with large amount of running water for at least 15 minutes. Remove and discard contaminated clothing and shoes. Get medical attention.

Ingestion: Drink water or milk to dilute. Obtain medical attention.

Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.

SECTION VI. TOXICITY DATA

Carcinogenicity: NTP? No IARC No OSHA REGULATED? No

SECTION VII. REACTIVITY DATA

Stability: Stable Hazardous Polymerization Will Not Occur

Incompatibility (Materials to Avoid): Strong acids or alkali compounds may inactivate biological cultures.

Hazardous Decomposition Byproducts: NONE

SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Small Spills: Where possible, flush down drain to waste treatment sewer; otherwise use chemical absorbent & sweep

Large Spills: Contain and collect.

Disposal: Meet Federal, State & Local Requirements

Handling and Storage: Store in cool, dry well ventilated area. Keep container tightly closed when not in use.

Other Precautions: Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

SECTION IX. CONTROL MEASURES

Respiratory Protection: No special measures required.

Ventilation: No special measures required.

Local Exhaust: No special measures required.

Mechanical (General): No special measures required.

Protective Gloves: Rubber, vinyl for prolonged contact.

Eye Protection: Chemical safety goggles

Other Protective Clothing or Equipment: Long pants, sleeves, apron

Work/Hygienic Practices: The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

SECTION X. DOT INFORMATION

NOT REGULATED

SECTION XI. MISCELLANEOUS INFORMATION

SARA 313: No

Notice: All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

NA - Not Available

NE- Not Established

ND – Not Determined